Addonics
TECHNOLOGIES

Pocket CDRW

USB
FIREWIRE
CardBus/PCMCIA

Users Guide
Revision 4.0

FCC Warning Statement

This equipment has been tested and found to comply with the limits for a class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try and correct the interference by one or more of the following suggestions.

- Reorient or relocate the receiving antenna
- Increase the distance between the equipment and the receiver
- Connect the equipment to a different power outlet other than the one where receiver is connected
- Consult a certified television or radio technician

Contents

FCC Warning.....1
Contents.....2
Chapter 1 Preface.....3
General Information
Features 3
Physical Characteristics.....3
Chapter 2 Getting started.....4
Power and Cable Installation.....5
Chapter 3 Interface Cable Installation 6
USB2.0 Cable Installation 7
Firewire Cable Installation 8
Cardbus/PCMCIA Cable Installation 9-11
Alternate Cardbus/PCMCIA Install.....12
Chapter 4 Software Installation.....13
Chapter 5 Playing Audio CDs.....14
Technical Support & Contact Information .....…15

Chapter 1
Preface

This is a Preliminary version of the manual intended to provide advance information on the Addonics Technologies' external Pocket CDRW drive. The information is as complete and as accurate as possible as of the publication date, but will be superseded and updated periodically by revised manuals. The contents are subject to change without notice.

General Information

The Addonics Technologies' Pocket CDRW drive is a drive that is designed for both PC and Laptop with Firewire, PCMCIA and USB Port.

Features

- External AC/DC universal power adapter.
- Connects to any PC via Firewire, USB, and PCMCIA Port.
- Up to 400Mbits/s transfer rate with Firewire cable

Physical Characteristics

Dimensions:	5.62 x 5.31 x 0.87 inches (143 x 135 x 22mm)
Weight:	14 oz. (0.4 kg)

Chapter 2 Getting Started

This chapter will walk you through the installation of your external Pocket CDRW. Make sure that you have the following items:

For CDRW with **Firewire Cable**

- Pocket CDRW Drive
- Firewire cable with 36 pin connector
- CD Mastering Software
- AC/DC adapter
- This User Guide

For CDRW with **Cardbus/PCMCIA Cable**

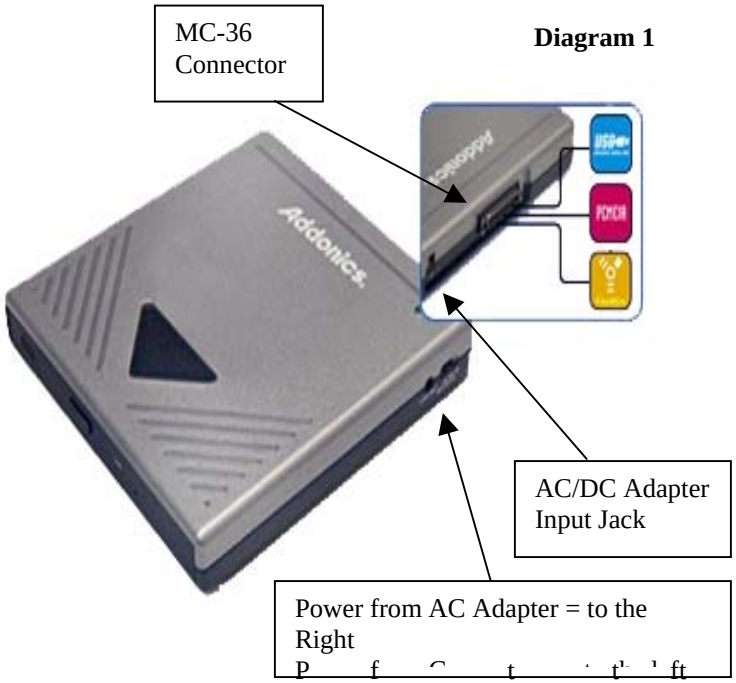
- Pocket CDRW Drive
- CardBus/PCMCIA cable with 36 pin connector
- CD Mastering Software
- AC/DC adapter
- PCMCIA driver diskette
- This User Guide

For CDRW with **USB2.0 Cable**

- Pocket CDRW Drive
- USB2.0 cable with 36 pin connector
- CD Mastering software
- AC/DC adapter
- USB driver diskette
- This User Guide

Pocket CDRW Power and Cable Connections

Diagram 1



Chapter 3

Interface Cable Installation

USB interface Cable

- We ship our unit with High Speed USB2.0 cable, which is capable of burning or copying CD faster than 4X speed.
- Since USB 2.0 Hi-Speed is an evolution of the existing USB 1.1 specification, it is fully forward and backward compatible with current USB systems.
- If your computer's USB controller is only USB1.1 you can only achieve a 4X maximum writing speed.
- If you do not have a USB2.0 port, you may install an optional USB2.0 adapter or controller to your computer to achieve the maximum CDRW writing speed.

	USB 1.1	***USB 2.0***
4X	***600K***	***600K***
6X	***600K***	***900K***
8X	***600K***	***1200K***
24X	***600K***	***3600K***
32X	***600K***	***4800K***
40X	***600K***	***6000K***
52X	***600K***	***7800K***

Diagram 2

USB Cable Installation

Attach the USB-IDE cable's "**MC 36 Connector**" to your Addonics Pocket Drive firm and securely – you should not be able to disconnect the cable without pressing the release notch.

USB driver Installation

For Win98 and Win98SE

Note:

- Plug and Play under Windows Me, 2000 and XP
- Uses Mass Storage Driver under Windows Me, Windows 2000 and XP

1. Make sure your computer is up and running
1. Verify that all cables are connected and there is power to the drive.
2. Insert the USB cable to the USB Port.
3. A "New Hardware Found" message shall pops up.
4. Follow the ON SCREEN wizard and point to the location of A:\USBWIN98 for the driver.
5. Let Windows finish the installation and that's it.
6. Double click My Computer icon and see if you have an extra drive letter for the drive.
7. You may now access the drive.

Fire wire Cable Installation

Attach the FIREWIRE-IDE cable's "**MC 36 Connector**" to your Addonics Pocket Drive firm and securely – you should not be able to disconnect the cable without pressing the release notch.

Firewire Installation
For Win98SE, Me, Win2000 and XP

(Note for Win98SE only: After plugging in the cable some system might prompt you for Win98SE CD, in case you don't have The Win98SE CD and the wizard prompt you for

b. **NTMAP.SYS** please type **C:\WINDOWS\SYSTEM32\DRIVERS**
c. **NTMAPHLP.PDR** please type **C:\WINDOWS\SYSTEM\IOSUBSYS**

IF the system did not prompt you for anything just follow the steps below**)**

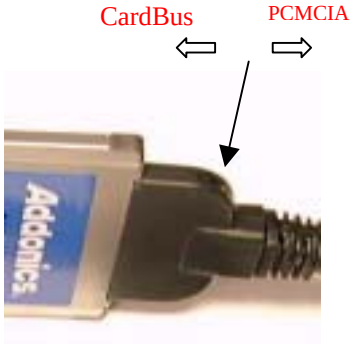
1. Make sure the Firewire cable is securely attach from the back of the drive.
2. Make sure that power is attached and turned on.
3. Power on the system, on the Window Desktop, double click on the MY COMPUTER icon.
4. Plug the Addonics 6 Pin FIREWIRE-IDE cable into your computer's FIREWIRE port.
5. Wait for a few seconds, your computer may blink for a moment.
6. Double Click on the "My Computer" icon if not open yet. Your Pocket DVD/CDRW will appear as a CD drive icon. You are now ready to use the DVD/CDRW Drive.

Note: for computer that has a 4-pin firewire port, you will need to get a 6 to 4 pin Firewire adapter.

CardBus / PCMCIA Interface Cable

The Addonics CardBus/PCMCIA card has an option switch can allow you to choose using either PCMCIA mode or CardBus mode. The switch position is as follows:

Front view



Side View

Factory default setting is CardBus mode

Cardbus and PCMCIA selection switch.
CardBus mode – move the switch to the side with the DOT indicator

CardBus mode currently supports WIN 95/98/ME/2000/XP. For DOS, WIN 3.1x and WIN NT, the switch must be set in PCMCIA mode.

For Power and Cable Installation please refer to page 5

CardBus/PCMCIA driver Installation

For Windows 95, 98, SE and ME

(Do not run the SETUP program from the driver disk, SETUP Is for DOS or WIN 3.1 only)

1. Power on your system and wait for the Desktop screen.
2. Connect the CardBus/PCMCIA cable and external AC/DC adapter into the back of your CDRW Drive.
3. Plug the CardBus/PCMCIA card end of the cable into the PCMCIA slot on the side of your computer.
4. The system will automatically identify the new card and ask to load the driver.
5. Insert the driver diskette in "A" drive and follow the instruction on the screen to load "Addonics Cardbus IDE Controller" or "Addonics PCMCIA IDE Controller". **All drivers and necessary files are located in the driver diskette under the sub-directory WINDOW9x. Be sure to select the A:/window9x folder when the system prompts for the location of driver disk.**
6. When finished installation, a PCMCIA card icon will appear in the lower right-hand of the Window's Task Bar.
7. Double Click on the "My Computer" icon. Your Pocket CDRW will appear as a CD drive icon. You are now ready to use the Pocket CDRW drive.

PCMCIA Installation for Windows NT

1. Go to Start\Settings\Control Panel
2. Double Click SCSI adapter icon
3. Click on the Driver Tab
4. Click Add to add new driver
5. Follow wizard and browse to A:\NT folder for the Driver.
6. Select “Addonics PCMCIA…” then click ok.
7. Windows will prompt you for driver location again, to continue Type in A:\NT then click continue.
8. Click YES to restart your computer.

Note: You must insert the PCMCIA cable when system is off.

CardBus/PCMCIA Installation for Windows 2000/XP

1. Make sure your computer is up and running
2. Verify that all cables are connected and there is power to the drive.
3. Insert the CardBus/PCMCIA cable to the PCMCIA socket.
4. A "New Hardware Found" message shall pops up.
5. Select "Next" to continue installation.
6. Select "Search for a suitable driver...." button and select "Next".
7. In "select a Device Driver page", select "Have Disk" to specify location. Enter path like A:\win2000" Select "Addonics CardBus…. or Addonics PCMCIA...." click YES for the Windows warning message and let Win2000/XP to finish the Installation and that's it.
8. Double Click on the “My Computer” icon. Your CDRW Will appear as a CD drive icon. You are now ready to use the CDRW drive.

For Sony and Sharp Notebook users Alternative installation procedures

If you encountered system locked up using our standard installation procedures (Most common with Window 98 SE, Sharp and Sony Notebook computers and computers with Ricoh Cardbus/PCMCIA Controller) please try to reinstall using the procedures outlined below:

1. Before installing the CardBus driver, make sure the CardBus is not Inserted into the PC Card slot.
2. Boot up the system and insert the CardBus driver diskette into Floppy Drive A
3. Click on the START button, then Settings and open the Control Panel
4. Click on the ADD NEW HARDWARE icon
5. Click NEXT and NEXT again, the screen will say Windows Will Now Search FOR PNP DEVICES, DO YOU WANT WINDOWS TO SEARCH
6. Choose NO, I WANT TO SELECT THE HARDWARE FROM A LIST
7. Click NEXT
8. Select HARD DISK CONTROLLERS from the hardware list
9. Click NEXT, and then click HAVE DISK
10. Type A:\Window9x, then click OK
11. Highlight ADDONICS CARDBUS IDE CONTROLLER, then click FINISH.
12. Shut down the system. Reboot the system with the CardBus inserted Inside the PC CARD slot. Make sure the CDRW drive is Connected to the other end of the CardBUS cable and the Drive is Powered on.

Chapter 4

Software Installation

CD Mastering Software installation:

1. Load the CD Mastering S/W into the bottom tray of CDRW drive.
2. Click on the Install Button to start installation process.
3. Follow the On screen Wizard for installation.
4. Wait for a few seconds to finish the installation.
5. Restart the system when prompted.
6. You may now burn CD.

Note: Serial Number or CD key can be found on the CD sleeve/envelope if ask.
NEVER Loose the Envelope where the CD key is.

Chapter 5

Playing Audio CDs

You can use the Addonics CDRW drive to play regular music CDs.

- **To listen or Play audio CD's through the computer,** you may download the newer version of windows media player.
- You may plug in a headphone at the side of the drive.

Technical Support

If you need assistance to get your unit functioning properly, please call Addonics Technical Support. Our technical staff will be happy to assist you, but they will need your help to do so. Calling the technical support staff without all the proper information can be both time consuming and frustrating. Here are some tips to help you out:

(1) MODEL NUMBER – Please have this number on hand.
(2) SYSTEM INFORMATION – Type of computer, peripherals, etc.
(3) OPERATING SYSTEM – What version of Windows?
(4) WHAT'S THE TROUBLE? – Give enough information
About your problem so that we can recreate and diagnose it.

FREE Software Drivers for all Addonics Technologies Products are available 24 hours per day at the World Wide Web Site: www.addonics.com**.**

Contact Information

Addonics Technologies
2466 Kruse Drive
San Jose CA, 95131

Phone: 408-433-3899
Fax: 408-433-3898
Email: ATC@Addonics.com
Internet: http://www.addonics.com

TECHNICAL SUPPORT
Phone: 408-433-3855
Email: Techinfo@addonics.com

Please use our on-line registration card for your Warranty registration.
Our web site is www.addonics.com